DOVE.

SPECULUM ANNI

OR AN

ALMANACK

For the Year of our

LORD GOD

1685.

Being the first after Bissextile or Leap-year, and from the worlds Creation 5688.

Wherein is contained the principal Aspects of the Planets, Eclipses, Terms, both at *London* and *Cambridge*, Inclination of the Air, with other things of note.

Calculated properly for the famous University and Town of *Cambridge*, where the North Pole is elevated above the Horizon 52 degr. and 12 min.

But may indifferently serve for any place within this Kingdom.

Non nobis solum nati sumus.

CAMBRIDGE,
Printed by *John Hayes*, Printer to the University, 1685.

The Scarlet days in the Univerſity of *Cambridge*, are as followeth.

All Saints, Chriſtmas, Eaſter, Aſcenſion, Whitſunday,
Trinity-ſunday, Commencement, and the 29 of May;
At the two Fairs proclaiming in June and September,
The Feaſt of Saint Michael, and the 5 of November,

To Funerals, Clerums and Supplications,
All Doctours go as to Congregations;

That is in their Robes.

MArriage comes in on the 13 day of January, and at Septuageſima Sunday it is out again until Lowſunday; at which time it comes in again, & goes not out till Rogation-ſunday: thence it is forbidden until Trinity-ſunday: from whence it is unforbidden till Advent-ſunday: but then it goes out, and comes not in again till the 13 day of January next following.

The Names, and Characters of the 12 Signs, with the parts of mans Body which they are ſaid to govern.

♈ Aries head and Face	♎ Libra Reins & Loyns
♉ Taurus neck and Throat	♏ Scorpio Secret members.
♊ Gemini Arms & Shoul.	♐ Sagitarius the Thighs.
♋ Cancer Breaſt & Stom.	♑ Capricornus the Knees.
♌ Leo Heart and Back	♒ Aquarius the Legs.
♍ Virgo Bowels and Belly	♓ Piſces the Feet.

Note alſo that the bright Planet *Venus*, will be our glorious Morning Star from the beginning of the year till the 18 day of *June*, and then making her Conjunction with the Sun, She becomes Occidental, and ſo our glorious Evening Star to the end of the year.

The

The Common Notes and Moveable Feasts

for this year, 1685. in both Accounts.

Julian or *English.*	*viz.*	*Gregorian* or Forreign.
14	The Golden Number	14.
14	The Cycle of the Sun	14
4	The Epact	24
D	The Dominical Letters	C
March 1	Shrove-sunday	March 4
April 19	Easter-day	April 22
May 28	Ascension-day	May 31
June 7	Whit-sunday	June 10.
June 14	Trinity-sunday	June 17
Novem. 29	Advent-sunday	Decemb. 2

The Terms with their Returns.

Hilary Term begins January 23, and ends February 12, and hath 4 returns, *viz.*

- Octab. Hilar. January 20
- Quind. Hilar. Jan. 27
- Craft. Purif. February 3
- Octab. Purif. February 9

Easter Term begins May 6, and ends June 1, and hath 5 returns.

- Quind. Pasch. May 4
- Tres Pasch. May 11
- Mens. Pasch. May 18
- Quinq; Pasch. May 25
- Craft Ascen. May 29

Trinity Term begins June 19, and ends July 8, and hath 4 returns.

- Craft Trin. June 15
- Octab. Trin. June 22
- Quind. Trin. June 30
- Tres Trin. July 6

Michael. Term begins October 23, and ends November 28, and hath 6 returns.

- Tres Mich. Octob. 20
- Mens. Mich Octob. 27
- Craft. Anim. November 3
- Craft. Mart. November 12
- Octab. Mart. November 18
- Quind. Mart. November 25

Note that the Exchequer openeth 8 days before any Term, except the Term of Trinity, in which it openeth but 4 days before.

A brief account of the moſt remarkable paſſages which have happened in England *ſince the year*, 1640.

Time expired this year 1685.

1640 THe long Parliament began *Nov.* 3. The Earl of Strafford beheaded *May* 12 following. 45

1641 *May* 2 the Prince of Orange was married to the Lady Mary. The ſame year *Octob.* 23 the Rebellion in *Ireland* began. 44

1642 Sir J. Hotham denies the King entrance into *Hull.* 43
The Earl of Eſſex made general for the Parliament.
The King ſetteth up his Standard at *Nottingham.*
The battel at Edge-Hill *October* 23, where above 5000 were ſlain.
Brainford Fight *November* 13 and 14.

1643 The Lord Brook ſhot in the eye. 42
The Battel on Hopton-Heath, *March* 18
Cheapſide-Croſs demoliſhed, and an Act paſſed for an Aſſembly of Divines to ſettle Religion, and likewiſe a vote for a new Great Seal.
Sir William Waller routed by the Kings forces.
The firſt Battel at Newbury *September* 20.
The Covenant (that Bond of iniquity) taken by the houſe of Commons, *September* 25.

1644 The Scotch-Army of 20000 Horſe and Foot entred *England.* Marſton-moor fight *July* 2, where above 7000 were ſlain. 41
This year came divers Ambaſſadours from *France, Holland* and *Spain*, to mediate between the King and Parliament.
Newbury ſecond Battel, *Octob.* 27.
3 Suns ſeen in *London*, *Novemb.* 19.

Sir

Sir Thomas Fairfax made General in the room of *Essex*.

1645 The Arch-Bishop of *Cant.* beheaded *Jan.* 10. 40

The Parliament vote that the clause for preservation of his Majesties person should be left out of Sir *Tho Fairfax* his Commission, *March* 24.

Oxford closely besieged, *May* 22.

The fatal Battel at *Naseby*, *June* 14.

Carlisle after a long siege delivered to the Scots.

Bristol surrendred *September* 11. Routon-Heath Battel, *September* 24.

Basing House taken by storm, *October* 14.

Dartmouth stormed and taken, and Belvoire-Castle surrendred.

His Royal Majesty offered at this time to come to the Parliament, and advise with them for the good of the Nation upon reasonable conditions, but they would not consent to it.

1646 The Earl of *Essex* died *September* 14. 39

The treacherous Scots sold the King to the Parliament for 400000 pounds.

1647 His Majesty was brought prisoner to Holmby, 38
Feb. 17.

The City declares against the Army, but upon the Armies approach they submit.

1648 The Parliament vote that no further addresses be 37
made to the King, *January* 30

Part of the Navy declare for the King, *May* 27.

Maidstone fight, *May* 31. The Welsh-Army of 8400 routed by Col. *Horton*.

Duke Hamilton entred *England* with an Army for his Majesty Colchester yielded, Sir Charles Lucas and Sir George Lisle shot to death, *August* 28.

The Treaty began in the Isle of Wight, *September* 18.

An Ordinance nominating divers persons to try

the King *December* 28, being tendred to the Lords was by them refuſed.

1649 The pretended High Court of Juſtice proclaimed *January* 9. 36

His Royal Majeſty moſt barbarouſly murdered, *Jan.* 30.

1650 The Kings Statue erected in the Royal Exchange. broken down by the Uſurpers, *Auguſt* 10. 35

A great fight at Dunbar in *Scotland*, *Septemb.* 3

1651 King *Charles* II Crowned at Schoon in *Scotland* *Jan.* 1. 34

The Scotch Army again enter *England*, *Aug.* 8.

Worceſter fight *Septemb.* 3. 3000 ſlain and 10000 taken priſoners.

1652 A great Sea-fight between the Engliſh and Dutch, wherein the Dutch were worſted. 33

1653 The Rump Parliament diſſolved by the Army, *April* 10. 32

A ſecond fight between the Engliſh and Dutch, *June*, 2, 3.

A third fight *July* 29 and 30, wherein *Vantrump* was ſlain.

1654 Oliver the Tyrant ſummond a Parliament, *Sep.* 3 and diſſolved it again the 22 of *January* following, he was proclaimed Protectour *June* 26. 31

1656 The River of Thames ebbed and flowed twice in 3 hours, *October* 3. 29

1658 Dunkirk ſurrendred to the Engliſh, *June* 25. 27

Oliver died *September* 3, and the next day his ſon was proclaimed Protectour.

1659 White-hall and Somerſet houſe voted to be ſold *May* 16. Sir George Booth up in Cheſhire, *Aug.* 1. 26

1660 The Lord General Monk marcheth from *Scotland* to *London*. 25

The ſecluded Members reſtored. *February* 21.

Admiral *Montague* with the whole Navy ſubmit to his Ma-

Majesty, *May* 3. and the 8 his Majesty was proclaimed in *London*, the 25 he landed at *Dover*, and the 29 at White-hall.

General Monk created Duke of Albemarl, *July* 12.

The Duke of Glouceſter died, *September* 13

About this time many of the Regicides were executed.

The Queen mother returned to Whitehall, *November* 2.

1661 King *Charles* II Crowned at *Weſtminſt.* *April* 23. 24

The Queen of *Bohemia* came to *London*, *May* 17.

1662 Queen *Katherine* landed at Portſmouth *May* 14, and 23
the 23 of *Aug.* following ſhe came to White-hall.

1664 The Houſe of Commons voted his Majeſty a ſupply 21
of 2500000 pounds ſterling.

Three Comets appeared in a ſhort time.

1665 The great Plague in *London* began *Apr.* 25, whereof 20
died 100000.

A great fight between the Eng. and Dutch *June* 3,
wherein the Dutch were beaten.

The Parliament voted his Majeſty a ſupply of 1250000
pounds, *October* 11.

1666 Another fight between the Engliſh and Dutch *June* 19
2, 3, 4. a third fight in *Aug.* following.

The ſad fire in *London* which burned within the walls
87 Pariſhes, & much building without. *Sept.* 3, 4, 5, 6.

1672 War proclaimed againſt the Dutch, *March* 28. 13

1673 Several ſea fights between the Engliſh and Dutch. 12

1674 A Peace concluded between the Engliſh and Dutch, 11
Feb. 9.

1677 The Prince of Orange married to the Lady Mary 8
Novem. 4.

1678 Sr *Edmund-Bury Godfry* murdered *Octob.* 7

1682 *Chriſtopher* Duke of *Albemarle* Inſtalled Chan- 3
cellour of *Camb.* *May* 11.

January hath xxxi days.

First quarter the 2 day, 29 min. past 2 after noon.
Full moon the 10 day, 35 min. past 3 after noon.
Last quarter the 17 day, 6 min. past 7 at night.
New moon the 24 day, 39 min. past 3 after noon.

1	a	Circumciſion	22	7	Aries	10	Fine mild
2	b	Octab. Steph.	23	8		22	weather at
3	c	Octab. John	24	9	Taur.	4	the begin-
4	d	2 after Chriſt.	25	11		15	ning.
5	e	Simeon	26	12		27	☽ Apogæon,
6	f	Epiphany	27	13	Gem.	9	& ☒ ♄ ☿.
7	g	Julian	28	14		21	☒ ♂ ☿.
8	a	Lucian	29	15	Cane.	4	☽ ☊.
9	b	Sun in Aquar	0 ♒	16		16	Cold rain or
10	c	Paul Herm.	1	18		29	ſnow about
11	d	1 aft. Epiph.	2	19	Leo	12	this time.
12	e	Archade	3	20		25	
13	f	Hilary Biſh.	4	21	Virgo	9	
14	g	Felix	5	22		23	Cold and
15	a	Maurice B.	6	23	Libra	6	△ ♆ ☿.
16	b	Marcellus	7	24		20	cloudy with
17	c	Anthony	8	25	Scorp.	4	ſome froſt.
18	d	2 aft. Epiph.	9	26		19	
19	e	Wolſtan	10	27	Sagit.	3	
20	f	Octab. Hilar.	11	28		17	
21	g	Agnes	12	29	Capr.	1	☽ Perigæon.
22	a	Vincent	13	30		15	Gloomy dark
23	b	Term begins	14	30		29	weather, but
24	c	Timothy	15	31	Aquar.	13	not very cold
25	d	Conv. S. Paul	16	32		27	conſidering
26	e	Polycarpus	17	33	Piſces	10	the ſeaſon.
27	f	Quind. Hilar.	18	34		23	
28	g	Valerius	19	35	Aries	5	
29	a	Theodoze	20	35		18	△ ♄ ☿. ☒ ☉ ♂.
30	b	K. Char. I. M.	21	36	Taur.	0	□ ☉ ♆.
31	c	Saturnine	22	37		12	

A description of the Circles of the Sphere.

Six greater Circles mark you ſhall,
Which equally divide this Ball;
Juſt in the midſt, in between the Poles,
From Eaſt to Weſt the Equator roles.

January 1685.

		Sun-riſing.		Sun-ſetting.	
1	8	4	3	56	
2	8	3	3	57	
3	8	2	3	58	
4	8	●	4	●	
5	7	59	4	1	
6	7	58	4	2	
7	7	57	4	3	
8	7	55	4	5	
9	7	54	4	6	
10	7	52	4	8	
11	7	51	4	9	
12	7	50	4	10	
13	7	48	4	12	*Cambridge* Term begins the 13
14	7	47	4	13	day.
15	7	46	4	14	
16	7	45	4	15	
17	7	44	4	16	
18	7	42	4	18	
19	7	40	4	20	
20	7	38	4	22	
21	7	36	4	24	
22	7	34	4	26	
23	7	32	4	28	
24	7	30	4	30	
25	7	28	4	32	
26	7	26	4	34	
27	7	24	4	36	
28	7	22	4	38	
29	7	20	4	40	
30	7	18	4	42	
31	7	16	4	44	

February hath xxviii days.

First quarter the 1 day, 24 min. past 11 beforenoon.
Full moon the 9 day, 53 min. past 5 in the morning.
Last quarter the 16 day, at 2 in the morning.
New moon the 23 day, 20 min. past 6 in the morn.

M.D.	W.D.	Festival days with terms.	☉ place d.	m.	Moons place.		Inclination of the Air.
1	♋	4 after Epiph.	23	37	Taur.	23	☽ Apogæon.
2	e	Purif. V. Mary	24	38	Gem.	5	Fine mild
3	f	Crast. Purif.	25	39		17	weather and
4	g	Veronica	26	39		29	pleasant.
5	a	Agatha	27	40	Canc.	11	
6	b	Dorothy	28	41		24	☌ ☉ ☿.
7	c	Zachary	29	41	Leo	7	□ ♂ ☿.
8	♋	5 after Epiph.	0 ♓	42		21	
9	e	Octab. Purif.	1	42	Virgo	4	High winds
10	f	Scholastica	2	42		18	and turbulent
11	g	Eufrastus	3	43	Libra	2	but warm.
12	a	Term ends	4	43		17	
13	b	Agabus	5	43	Scorp.	2	
14	c	Valentine	6	43		15	
15	♋	Septuagesima	7	44		29	☽ Perigæon.
16	e	Juliana V.	8	44	Sagit.	13	
17	f	Polycron	9	44		27	☽ ☋.
18	g	Concordia	10	44	Capr.	11	Gloomy wea-
19	a	Sabine	11	44		25	ther with frost
20	b	Mildred	12	44	Aquar.	8	and snow or
21	c	70 Martyrs	13	44		22	☍ ☉ ♄.
22	♋	Sexagesima	14	44	Pisces	5	sleet about
23	e	Serenus fast	15	44		18	this time.
24	f	S. Matthias	16	44	Aries	1	
25	g	Constance	17	44		13	△ ♃ ☿.
26	a	Nestor	18	44		26	
27	b	Augustine	19	44	Taur.	8	△ ♃ ♀.
28	c	Oswald	20	43		19	☽ Apogæon

The Ecliptick cuts him, and doth ſlide
Twenty three and half Degrees aſide.
Horizon even with the ground,
From Stars below our ſight doth bound.

February 1685.

	Sun-riſing.		Sun-ſetting.	
1	7	14	4	46
2	7	12	4	48
3	7	10	4	50
4	7	8	4	52
5	7	6	4	54
6	7	4	4	56
7	7	2	4	58
8	7	0	5	0
9	6	59	5	1
10	6	57	5	3
11	6	55	5	5
12	6	54	5	6
13	6	52	5	8
14	6	50	5	10
15	6	48	5	12
16	6	46	5	14
17	6	45	5	15
18	6	43	5	17
19	6	41	5	19
20	6	40	5	20
21	6	38	5	22
22	6	36	5	24
23	6	34	5	26
24	6	32	5	28
25	6	30	5	30
26	6	28	5	32
27	6	27	5	33
28	6	25	5	35

March hath xxxi days.

First quarter the 3 day, 5 min. past 8 in the morning.
Full moon the 10 day, 50 min. past 5 at night.
Last quarter the 17 day, 59 min. past 8 before noon.
New moon the 24 day, 46 min. past 9 at night.

1	D	Shrove Sund.	21	43	Gem.	1	Wet and
2	e	Chad Bish.	22	43		13	windy.
3	f	Shrovetuesd.	23	43		25	☌ ☿ ☿.
4	g	Ash wednesd.	24	42	Canc.	7	☽ cum ☊.
5	a	Eusebius	25	42		19	
6	b	Victor	26	42	Leo	2	
7	c	Perpetua	27	41		15	
8	D	1 Sun. in Lent.	28	41		29	
9	e	40 Martyrs	29	41	Virgo	13	Cold and
10	f	Sun in Aries	0 ♈	39		27	cloudy with
11	g	Ember week	1	39	Libra	12	some frost.
12	a	Gregory	2	38		26	
13	b	Theodore	3	38	Scorp.	11	☽ Perigæon.
14	c	Candide	4	37		26	□ ☌. ☿. ☿.
15	d	2 sun. in Lent	5	36	Sagit.	10	
16	e	Boniface B.	6	35		24	☌ ♄. ☿. ☿.
17	f	Patrick	7	34	Capr.	8	☽ cum ♃.
18	g	Edward	8	33		22	Wet and high
19	a	Joseph	9	32	Aquar.	5	winds, but
20	b	Cuthbert	10	30		18	△ ☉ ☌.
21	c	Benedict	11	29	Pisc.	1	warmer.
22	d	3 sun. in Lent	12	28		14	
23	e	Theodore	13	27		27	☒ ♄ ☌.
24	f	Nutrine fast	14	26	Aries	9	
25	g	Lady day	15	25		22	Tempestuous
26	a	Castulus	16	24	Taur.	4	and turbulent
27	b	Mertian	17	23		16	☌ ☉ ♐.
28	c	Dorothy	18	22		28	but not very
29	d	Midlent Sund.	19	22	Gem.	9	cold.
30	e	Guido	20	21		21	
31	f	Balbina	21	19	Canc.	3	☽ cum ☊.

Meridian ſtraight upright doth riſe,
Parting the Eaſt and Weſtern Skies.
Two Colures through the Poles do run,
Quartring the Circle of the Sun;

March 1685.

Commencement for Batchelours in Arts the 5 day.

	Sun-riſing.		Sun-ſetting.	
1	6	20	5	40
2	6	18	5	42
3	6	15	5	45
4	6	13	5	47
5	6	11	5	49
6	6	8	5	52
7	6	6	5	54
8	6	4	5	56
9	6	2	5	58
10	6	0	6	0
11	5	58	6	2
12	5	56	6	4
13	5	54	6	6
14	5	52	6	8
15	5	50	6	10
16	5	48	6	12
17	5	46	6	14
18	5	44	6	16
19	5	42	6	18
20	5	40	6	20
21	5	38	6	22
22	5	36	6	24
23	5	34	6	26
24	5	32	6	28
25	5	30	6	30
26	5	28	6	32
27	5	26	6	34
28	5	24	6	36
29	5	22	6	38
30	5	20	6	40
31	5	18	6	42

First quarter the 1 day, 46 min. past 9 at night.
Full moon the 9 day, 59 min. past 2 in the morning.
Last quarter the 15 day, 26 min. past 5 afternoon.
New moon the 23 day, 36 min. past 1 afternoon.

1	g	Conv. M. M.	22	18	Canc.	15	Good weather at the beginning.
2	a	Mary Egypt	23	17		27	
3	b	Richard B.	24	15	Leo	10	
4	c	Ambrose	25	14		23	△ ♂ ☿.
5	D	5 Sun. in Lent	26	12	Virgo	7	
6	e	Sixtus Bish.	27	11		21	☌ ♀ ☿.
7	f	Egisippus	28	9	Libra	5	
8	g	Perpetuus	29	7		20	Windy and dry.
9	a	Sun in Taur.	0 ♉	6	Scorp.	5	
10	b	Tiburtius	1	4		20	
11	c	Leo Pope	2	2	Sagit.	5	△ ♂ ♀.
12	D	Palm Sunday	3	1		20	☽ Perigæon.
13	e	Justinus	3	59	Capr.	4	☌ ♀ ♀.
14	f	Valerian	4	58		18	Fine pleasant calm weather with gentle showers.
15	g	Leonard	5	55	Aquar.	2	
16	a	Ludoze	6	54		15	
17	b	Good friday	7	52		28	
18	c	Quintine fast	8	50	Pisces	11	
19	D	Easter day	9	48		24	
20	e	Sulpitius	10	46	Aries	6	△ ☉ ♄.
21	f	Simeon B.	11	44		18	
22	g	Mother Virg.	12	42	Taur.	0	
23	a	S. George	13	40		12	
24	b	Wilfryde	14	38		24	More dry ☽ Apogæon. toward the ☽ cum ☊. end.
25	c	S. Mark Evan.	15	35	Gem.	6	
26	D	Low Sunday	16	33		18	
27	e	Anastasius	17	31	Canc.	0	
28	f	Vitulis	18	29		12	
29	g	Petri Mart.	19	27		24	
30	a	Erkenwald	20	24	Leo	6	

One where the Spring and Fall begin;
T' other where longeſt days come in:
Four leſſer Circles mark them well,
Are to th' Æquator Parallell.

	Sun-riſing.		Sun-ſetting.	
1	5	16	6	44
2	5	14	6	46
3	5	12	6	48
4	5	10	6	50
5	5	8	6	52
6	5	6	6	54
7	5	4	6	56
8	5	2	6	58
9	5	0	7	0
10	4	58	7	2
11	4	56	7	4
12	4	54	7	6
13	4	52	7	8
14	4	50	7	10
15	4	48	7	12
16	4	46	7	14
17	4	45	7	15
18	4	43	7	17
19	4	41	7	19
20	4	39	7	21
21	4	38	7	22
22	4	36	7	24
23	4	34	7	26
24	4	33	7	27
25	4	32	7	28
26	4	30	7	30
27	4	28	7	32
28	4	26	7	34
29	4	25	7	35
30	4	23	7	37

April 1685.

The latter Aſt the 2 day.

Cambridge Term ends the 10 day.

Cambridge Term begins the 29 day.

May hath xxxi days.

First quarter the 1 day, 30 min. past 3 afternoon.
Full moon the 8 day, 49 min. past 10 before noon.
Last quarter the 15 day, at 4 in the morning.
New moon the 23 day, 2 min. past 6 before noon.
First quarter the 31 day, 58 min. past 2 in the morn.

1	♄	Phil. & James	21	22	Leo	19	Cold winds
2	☾	Athanasius	22	20	Virgo	2	☐ ♄ ☿.
3	☽	2 after Easter	23	17		15	△ ♄ ♀.
4	☿	Quind. Pasc.	24	15		29	☌ ♃ ☿.
5	☾	Gothard	25	13	Libra	14	with rain.
6	♃	Term begins	26	10		28	
7	♂	Joh of Bev.	27	8	Scorp.	13	
8	♄	Appar. Mic	28	5		29	☽ Perigæon.
9	☾	Trans. Mich.	29	3	Sagit.	14	☐ ♄ ☌.
10	☽	3 sun. aft Easter.	0	♊ 0		29	☽ cum ♆.
11	☿	Tres Pasch.	0	58	Capr.	14	Rain with
12	☾	Pancratius	1	55		28	thunder.
13	♃	Pontface	2	53	Aquar.	12	
14	♂	Isidore	3	50		25	
15	♄	Brandon	4	48	Pisces	8	
16	☾	Trans. Bern.	5	45		21	Hot moist
17	☽	4 sun. aft. East.	6	42	Aries	3	weather with
18	☿	Mens. Pasch.	7	40		15	☌ ☉ ☌.
19	☾	Dunstan	8	37		27	thunder.
20	♃	Helen Q.	9	34	Taur.	9	
21	♂	Julian. Virg.	10	32		21	☐ ☉ ♄.
22	♄	Desiderius	11	29	Gem.	3	☽ Apogæon
23	☾	Trans. Fran.	12	26		15	☌ ☌ ☿.
24	☽	Rogation Sun.	13	23		27	△ ☉ ♅.
25	☿	Quino Pasch.	14	21	Canc.	9	☽ cum ☊.
26	☾	Edward	15	18		21	
27	♃	Beda	16	15	Leo	3	A moist and
28	♂	Ascension day	17	12		15	troubled air.
29	♄	K. Ch. 2. Nat.	18	10		28	
30	☾	Reigned	19	7	Virg.	11	
31	☽	Sun. aft. ascen.	20	4		24	

Two Tropicks bound the Sun's high way,
She wing the long'ſt and ſhorteſt Day.
The Artick Circle cuts the Bears,
Th' Antartick oppoſite appears.

May. 1685.

	Sun-riſing.		Sun ſetting.	
1	4	22	7	38
2	4	21	7	39
3	4	19	7	41
4	4	17	7	43
5	4	16	7	44
6	4	14	7	46
7	4	13	7	47
8	4	11	7	49
9	4	9	7	51
10	4	7	7	53
11	4	6	7	54
12	4	5	7	55
13	4	4	7	56
14	4	2	7	58
15	4	1	7	59
16	4	0	8	0
17	3	59	8	1
18	3	58	8	2
19	3	57	8	3
20	3	56	8	4
21	3	55	8	5
22	3	54	8	6
23	3	53	8	7
24	3	52	8	8
25	3	51	8	9
26	3	50	8	10
27	3	49	8	11
28	3	48	8	12
29	3	47	8	13
30	3	46	8	14
31	3	45	8	14

Full moon the 6 day, 1 min. past 5 afternoon.
Last quarter the 13 day, 41 min. past 4 afternoon.
New moon the 21 day, 50 min. past 7 at night.
First quarter the 29 day, 11 min. past 11 beforenoon.

1	g	Term ends	21	1	Libra	8		
2	f	Marcellus	21	58		22	Fine clear	
3	g	Erasmus	22	55	Scorp.	7	weather.	
4	a	Petroc. Con.	23	52		22		
5	b	Boniface	24	49	Sagit.	7	☽ Perigæon.	
6	c	Bzentine fast	25	46		22	☽ ☌ ♄	
7	d	Whitsunday	26	44	Capr.	7		
8	e	Medard	27	41		22		
9	f	Pelagia	28	38	Aquar.	7	☌ ☉ ☿.	
10	g	Ember week	29	35		21	☌ ♀ ☿.	
11	a	S. Barnabas	0	32	Pisces	4	Brisk gales of	
12	b	Basil Conf.	1	28		17	wind with	
13	c	Cyrillus	2	26	Aries	0	rain.	
14	d	Trinity Sund.	3	23		12		
15	e	Craft. Trin.	4	20		24		
16	f	Rowland	5	17	Taur.	6		
17	g	Botolph	6	14		18		
18	a	*Corpus Christi*	7	11	Gem.	0	☌ ☉ ♀.	
19	b	Term begins	8	8		12	☽ Apogæon.	
20	c	Trans. Edw.	9	5		24	☽ ☍ ♄.	
21	d	1 sun. af. Trin.	10	2	Canc.	6	Moist weather	
22	e	Octab. Trin.	10	59		18	with thunder.	
23	f	Andrew fast	11	57	Leo	0	✱ ♄ ♀.	
24	g	S. John Bapt.	12	54		12	✱ ☉ ♄.	
25	a	Trans. Elegi.	13	51		25	Good seaso-	
26	b	Jeremias	14	48	Virg.	8	able weather	
27	c	7 Sleepers	15	45		21	but windy	
28	d	2 sun. af. Trin.	16	42	Libra	4	and not very	
29	e	S. Peter Apo.	17	39		18	hot.	
30	f	Com. S. Paul	18	36	Scorp.	2		

Meridians half twenty four,
For Hours, and for Degrees nine score;
Through both the Poles o'th' World do pass
And the Equinoctial down right cross;

June 1685.

	Sun-rising.		Sun-setting.	
1	3	46	8	14
2	3	45	8	15
3	3	45	8	15
4	3	45	8	15
5	3	44	8	16
6	3	44	8	16
7	3	44	8	16
8	3	43	8	17
9	3	43	8	17
10	3	43	8	17
11	3	43	8	17
12	3	43	8	17
13	3	43	8	17
14	3	43	8	17
15	3	43	8	17
16	3	43	8	17
17	3	44	8	16
18	3	44	8	16
19	3	44	8	16
20	3	45	8	15
21	3	45	8	15
22	3	45	8	15
23	3	46	8	14
24	3	46	8	14
25	3	47	8	13
26	3	47	8	13
27	3	48	8	12
28	3	49	8	11
29	3	50	8	10
30	3	51	8	9

July hath xxxi days.

Full moon the 6 day, 5 min. past 1 in the morning.
Last quarter the 13 day, 42 min. past 7 in the morn.
New moon the 21 day, 23 min. past 9 beforenoon.
First quarter the 28 day, 51 min. past 4 afternoon.

1	g	Theobald	19	33	Scorp	16	
2	a	Visit. Mary	20	30	Sagit.	1	Tempestuous
3	b	Cornelius	21	27		16	D. Perigæon.
4	c	Uiricus	22	25	Capr.	2	D ☍.
5	d	3 after Trin.	23	22		15	with hail
6	e	Tres Trin.	24	19	Aquar.	0	storms.
7	f	Demetrius	25	16		15	△ ♂ ☿.
8	g	Term ends	26	13		28	
9	a	Cyrillus	27	10	Pisces	12	
10	b	7 Bzethzen	28	8		25	Moist but not
11	c	Pius	29	5	Aries	8	very hot for
12	d	4 after Trin.	0	♌ 2		21	the season.
13	e	Margaret	0	59	Taur.	3	
14	f	Bonavent.	1	56		15	
15	g	☽ within	2	54		27	□ ☤ ☿.
16	a	Hilarine	3	51	Gem.	8	△ ☉ ♂.
17	b	Alexius	4	48		20	D Apogæon.
18	c	Rosina	5	46	Canc.	2	☽ ♋
19	d	5 after Trin.	6	43	Dog d. be.		Windy, dry,
20	e	Elias	7	40		27	and pleasant
21	f	Daniel	8	38	Leo	9	temperate
22	g	Mary Mag.	9	35		22	△ ♂ ☿.
23	a	Apolline B.	10	32	Virgo	5	weather.
24	b	Christian fast	11	30		18	
25	c	S. James Apo.	12	27	Libra	1	
26	d	6 after Trin.	13	25		15	
27	e	Martha	14	22		27	Tempestuous
28	f	Panthaleon	15	20	Scorp.	13	with thunder.
29	g	Beatrix	16	17		27	♂ ☉ ☿.
30	a	Abdon	17	15	Sagit.	11	✶ ☤ ☿.
31	b	German	18	12		25	

And nine ſcore Parallels have that Line,
By which Stars North and South decline.
The Ecliptick hath his Longitudes,
And Parallells of Latitudes

	Sun-riſing		Sun-ſetting	
1	3	53	8	7
2	3	54	8	6
3	3	55	8	5
4	3	56	8	4
5	3	57	8	3
6	3	58	8	2
7	3	59	8	1
8	4	0	8	0
9	4	1	7	59
10	4	3	7	57
11	4	4	7	56
12	4	5	7	55
13	4	7	7	53
14	4	8	7	52
15	4	10	7	50
16	4	11	7	49
17	4	13	7	47
18	4	15	7	45
19	4	17	7	43
20	4	19	7	41
21	4	21	7	39
22	4	22	7	38
23	4	24	7	36
24	4	26	7	34
25	4	27	7	33
26	4	29	7	31
27	4	30	7	30
28	4	32	7	28
29	4	33	7	27
30	4	35	7	25
31	4	37	7	23

July 1685.

The 7 day is Commencement Tuesday.

Cambridge Term ends the 10 day.

Auguſt hath xxxi days.

Full moon the 4 day, 42 min. paſt 9 beforenoon.
Laſt quarter the 12 day, 38 min. paſt 12 in the morn.
New moon the 19 day, 11 min. paſt 10 at night.
Firſt quarter the 26 day, 20 min. paſt 9 at night.

1	☾	Lammas day	19	10	Capr.	10	
2	☽	7 after Trin.	20	8		24	Good ſeaſon-
3	☾	Dominick	21	5	Aquar.	9	able weather.
4	☾	Ariſtarchus	22	3		23	
5	☾	Oſwald	23	0	Piſces	7	
6	☾	Tranſ. Chriſti	23	58		20	
7	☾	Donatus	24	56	Aries	4	
8	☾	Cyriacus	25	54		16	☒ ☌ ♀.
9	☽	8 after Trin.	26	51		29	Showery
10	☾	S. Laurence	27	49	Taur.	11	now.
11	☾	Tiburtius	28	47		23	
12	☾	Clare Virg.	29	45	Gem.	5	☒ ☌ ☿.
13	☾	Sun in Virgo	0	♍43		16	☽ ☊.
14	☾	Euſebius	1	41		28	☌. ♄. ♀. ☿.
15	☾	Aſſumpt. Mary	2	39	Canc.	10	
16	☽	9 after Trin.	3	37		22	
17	☾	Hammes	4	35	Leo	5	More rain
18	☾	Helena Emp.	5	33		18	which will
19	☾	Sebaldus	6	31	Virg.	1	hinder har-
20	☾	Bernard	7	29		14	veſt.
21	☾	Athanaſius	8	27		28	
22	☾	Symphio.	9	25	Libra	11	
23	☽	10 after Trin.	10	24		25	
24	☾	S. Bartholom.	11	22	Scorp.	9	☒ ♄ ☌.
25	☾	Lewis King	12	20		23	Boiſterous
26	☾	Ireneus	13	18	Sagit.	7	☽ Perigæon.
27	☾	Dog days end	14	17		21	☽ ☋.
28	☾	Auguſtine	15	15	Capr.	6	with thun-
29	☾	Decol. J. Bapt.	16	13		20	der.
30	☽	11 after Trin.	17	12	Aquar.	4	
31	☾	Paulinus	18	10		18	

For Stars; But in Geography,
The Towns beſides the Equator lie.
Over our Head, and under our Feet,
The nine ſcore Azimuths do meet;

August 1685.

	Sun-riſing.		Sun-ſetting.	
1	4	37	7	23
2	4	39	7	21
3	4	41	7	19
4	4	43	7	17
5	4	44	7	16
6	4	46	7	14
7	4	48	7	12
8	4	50	7	10
9	4	52	7	8
10	4	54	7	6
11	4	56	7	4
12	4	58	7	2
13	5	0	7	0
14	5	2	6	58
15	5	4	6	56
16	5	6	6	54
17	5	8	6	52
18	5	10	6	50
19	5	12	6	48
20	5	14	6	46
21	5	16	6	44
22	5	18	6	42
23	5	20	6	40
24	5	22	6	38
25	5	24	6	36
26	5	26	6	34
27	5	28	6	32
28	5	30	6	30
29	5	32	6	28
30	5	34	6	26
31	5	36	6	24

September hath xxx days.

Full moon the 2 day, 40 min. paſt 8 at night.
Laſt quarter the 10 day, 56 min. paſt 9 at night.
New moon the 18 day, 54 min. paſt 11 beforenoon.
Firſt quarter the 25 day, 58 min. paſt 2 in the morn.

1	f	Giles Abbot	19	9	Piſces	2	✶ ♆ ♂.	
2	g	Veronica	20	7		15	☌ ☉ ♄.	
3	a	Gregory	21	6		28	Cold and	
4	b	Theodoſius	22	4	Aries	12	cloudy with	
5	c	Bertine	23	3		24	rain.	
6	d	12 after Trin.	24	2	Taur.	7		
7	e	Regina	25	0		19		
8	f	Nat. of Mary	25	59	Gem.	1		
9	g	Gorgon	26	58		12	☽ Apogæon.	
10	a	Hoſthenes	27	57		24	☽ ☊.	
11	b	Protheus	28	56	Canc.	6	High winds	
12	c	Tobias	29	55		18	but dry.	
13	d	Sun in Libra	♎ 0	54	Leo	0		
14	e	Holy Croſs	1	53		13	□ ☉ ♂.	
15	f	Nicodem.	2	52		26	☌ ♄ ♀.	
16	g	Ember week	3	51	Virgo	9		
17	a	Lambert	4	50		23	☌ ♀ ☿.	
18	b	Methodius	5	49	Libra	7	Windy & wet	
19	c	Januarius	6	48		21	about this	
20	d	14 aſt. Trin.	7	47	Scorp.	5	time.	
21	e	S. Matthew	8	46		20		
22	f	Maurice	9	46	Sagit.	4		
23	g	Iſdras	10	45		18	☽ ♆.	
24	a	Rupert	11	44	Capr.	2	☽ Perigæon.	
25	b	Cleophas	12	44		16	High winds	
26	c	Cyprian	13	43	Aquar.	0	but more dry.	
27	d	15 after Trin.	14	42		14		
28	e	wenceſl.	15	42		28		
29	f	S. Michael	16	41	Piſces	11		
30	g	Jerome	17	41		24	☌ ♆ ☿.	

And here as many Parallels,
Of Altitude Horizontels.
Longitudes and Meridians all,
And Azimuths great Circles call.

	Sun-rising.		Sun-setting.	
1	5	38	6	22
2	5	40	6	20
3	5	42	6	18
4	5	44	6	16
5	5	46	6	14
6	5	48	6	12
7	5	50	6	10
8	5	52	6	8
9	5	54	6	6
10	5	56	6	4
11	5	58	6	2
12	6	0	6	0
13	6	2	6	58
14	6	4	5	56
15	6	6	5	54
16	6	8	5	52
17	6	10	5	50
18	6	12	5	48
19	6	14	5	46
20	6	16	5	44
21	6	18	5	42
22	6	20	5	40
23	5	22	5	38
24	6	24	5	36
25	6	26	5	34
26	6	28	5	32
27	5	30	5	30
28	6	32	5	28
29	6	34	5	26
30	6	36	5	24

September 1685.

Sturbridge Fair begins the 8 day.

October hath xxxi days.

Full moon the 2 day, 37 min. past 10 beforenoon.
Last quarter the 10 day, 32 min. past 1 afternoon.
New moon the 17 day, 46 min. past 8 at night.
First quarter the 24 day, 51 min. past 10 beforenoon.

1	a	Remigius	18	41	Aries	7	Indifferent
2	b	Leodegar	19	40		20	good weather
3	c	Candidus	20	40	Taur.	2	for the sea-
4	D	16 after Trin.	21	39		15	son.
5	e	Apolinar	22	39		27	☌ ☉ ☿.
6	f	Faith	23	39	Gem.	9	☽ ☊.
7	g	Marcell. m.	24	39		20	✶ ♄ ♀.
8	a	Pelagia	25	39	Canc.	2	☽ Apogæon.
9	b	Dionysius	26	38		14	□ ☌ ☿.
10	c	Gereon	27	38		26	
11	D	17 after Trin.	28	38	Leo	8	High winds
12	e	Wilfrid	29	38		21	with hasty
13	f	Sun in Scorp.	☌	38	Virgo	4	showers.
14	g	Calixtus	1	38		17	
15	a	Hedwig.	2	38	Libra	2	
16	b	Galins	3	38		15	☌ ☉ ♍.
17	c	Florent.	4	38		29	Fine pleasant
18	D	S. Luke Evan.	5	39	Scorp.	14	weather, and
19	e	Ptolomy	6	39		29	not very cold
20	f	Tres Mich.	7	39	Sagit.	14	considering
21	g	Ursula	8	39		28	the season,
22	a	Cordula	9	40	Capr.	13	☽ Perigæon.
23	b	Term begins	10	40		27	
24	c	Salome	11	40	Aquar.	11	
25	D	19 after Trin.	12	41		24	
26	e	Amandus	13	41	Pisces	8	Rainy toward
27	f	Mens. mich. fa.	14	42		21	the end.
28	g	Sim. & Jude	15	42	Aries	4	
29	a	Narcissus	16	43		16	
30	b	Absolom	17	43		29	
31	c	Wolfgang	18	44	Taur.	11	

But all the Parallels in Heaven,
Being leſſer, cut the Globe uneven.
Degrees three hundred and three-ſcore
Hath every Circle, and no more.

		Sun-riſing.		Sun-ſetting.	
1	6	39	5	21	
2	6	42	5	18	
3	6	43	5	17	
4	6	45	5	15	
5	6	47	5	13	
6	6	49	5	11	
7	6	50	5	10	
8	6	52	5	8	
9	6	54	5	6	
10	6	56	5	4	
11	6	58	5	2	
12	7	0	5	0	
13	7	2	4	58	
14	7	4	4	56	
15	7	6	4	54	
16	7	8	4	52	
17	7	10	4	50	
18	7	12	4	48	
19	7	14	4	45	
20	7	15	4	45	
21	7	17	4	43	
22	7	19	4	41	
23	7	20	4	40	
24	7	22	4	38	
25	7	24	4	36	
26	7	25	4	35	
27	7	27	4	33	
28	7	29	4	31	
29	7	30	4	30	
30	7	32	4	28	
31	7	33	4	27	

October 1685.

Cambridge Term begins the 10 day, and then the *Proctours*, *Taxours* and *Scrutatours* are choſen.

Magna Congregatio, or Black Aſſembly the 23 day.

November hath xxx days.

Full moon the 1 day, 27 min. past 3 in the morning.
Last quarter the 9 day, 43 min. past 7 in the morn.
New moon the 16 day, 17 min. past 8 beforenoon.
First quarter the 22 day, 53 min. past 10 at night.
Full moon the 30 day, 25 min. past 10 at night.

1	☉	All Saints	19	44	Taur.	23		
2	☾	All Souls	20	45	Gem.	5	□ ♂ ☿.	
3	☾	Craft Anim.	21	46		17	▨ ♄ ☿.	
4	☾	Modestus	22	46		29	☌ ♃ ☿.	
5	☾	Powder Plot	23	47	Canc.	11	□ ☌ ♃.	
6	☾	Leonard	24	48		23	☽ Apogæon.	
7	☾	Willibald	25	48	Leo	5	Cloudy and	
8	☉	21 after Trin.	26	49		17	turbulent, but	
9	☾	Theodosius	27	50		29	not very cold	
10	☾	Erastus	28	51	Virgo	12	at the begin-	
11	☾	Martin	29	52		25	ning, about	
12	☾	Craft. Mart.	0♑	53	Libra	9	the middle of	
13	☾	Eugenia	1	54		23	the month	
14	☾	Erkenwald	2	54	Scorp.	7	expect cold	
15	☉	22 after Trin	3	55		22	weather.	
16	☾	Edmund	4	56	Sagit.	7		
17	☾	Hugo	5	57		23		
18	☾	Octab. Mart	6	58	Capr.	8		
19	☾	Elizabeth	7	59		23		
20	☾	Edmund K.	9	0	Aquar.	7	☽ Perigæon.	
21	☾	Oblat. Mary	10	1		21	Moist open	
22	☉	23 after Trin.	11	2	Pisces	5	weather to-	
23	☾	Clement	12	4		18	ward the end.	
24	☾	Chrysogon.	13	5	Aries	1		
25	☾	Quind. Mart.	14	6		13		
26	☾	Conrade	15	7		26		
27	☾	Agricola	16	8	Taur.	8		
28	☾	Term ends	17	9		20		
29	☉	Advent Sund.	18	10	Gem.	2	☌ ☉ ☿.	
30	☾	S. Andrew	19	12		14	△ ♄ ☿.	

O what delight it is in turning soft
The bright abridgement of that upper Loft,
(To seem) to see Heavens glorious Host to march
In gliftring Troops above th' Æthereal Arch!

	Sun-rising.		Sun-setting.	
1	7	35	4	25
2	7	37	4	23
3	7	39	4	21
4	7	41	4	19
5	7	43	4	17
6	7	45	4	15
7	7	47	4	13
8	7	49	4	11
9	7	51	4	9
10	7	52	4	8
11	7	54	4	6
12	7	55	4	5
13	7	57	4	3
14	7	59	4	1
15	8	0	4	0
16	8	1	3	59
17	8	2	3	58
18	8	3	3	57
19	8	4	3	56
20	8	5	3	55
21	8	6	3	54
22	8	7	3	53
23	8	8	3	52
24	8	9	3	51
25	8	10	3	50
26	8	11	3	49
27	8	12	3	48
28	8	12	3	48
29	8	13	3	47
30	8	14	3	46

November 1685.

The Vice-chancellour lays down his Office the 3 day.

December hath xxxi days.

Laſt quarter the 8 day, 6 min. paſt 8 at night.
New moon the 15 day, 28 min. paſt 5 at night.
First quarter the 22 day, 21 min. paſt 2 afternoon.
Full moon the 30 day, 57 min. paſt 5 at night.

1	f	Longinus	20	13	Gem.	26	☽ ☊.	
2	g	Candidus	21	14	Canc.	8	Gloomy wea-	
3	a	Caſſian	22	15		19	☽ Apogæon.	
4	b	Barbara	23	16	Leo	1	ther with	
5	c	Sabina	24	18		14	froſt.	
6	d	2 ſun. in Adv.	25	19		26	□ ♄ ☿	
7	e	Agathon	26	20	Virgo	8		
8	f	Conceſ. Mary	27	21		20	Cold with	
9	g	Joachim	28	23	Libra	4	ſnow.	
10	a	Miltiades	29	24		17		
11	b	Sun in Capr.	☉	♑ 25	Scorp.	1	Pleaſant	
12	c	Valerius	1	27		16	weather for	
13	d	3 ſun. in Adv.	2	28	Sagit.	0	the ſeaſon.	
14	e	Nicaſius	3	29		16		
15	f	Valerian	4	30	Capr.	1		
16	g	O Sapientia	5	31		16	Ember week	
17	a	Lazarus	6	33	Aquar.	1		
18	b	Chriſtopher	7	35		16		
19	c	Nemeſius f.	8	36	Piſc.	0		
20	d	4 ſun. in Adv.	9	37		14		
21	e	S. Thomas	10	38		27	Fine mild	
22	f	Iſchirion	11	40	Aries	10	moiſt wea-	
23	g	Vigil Virg.	12	41		23	ther to the	
24	a	Ad. & Eva faſt	13	42	Taur.	5	years end.	
25	b	Chriſt's birth	14	43		17	△ ♄ ☿.	
26	c	S. Stephen	15	45		29	✶ ☉ ♂.	
27	d	S. John Evan.	16	47	Gem.	11	☽ cum ☊	
28	e	H. Innocents	17	47		23	✶ ☉ ♃.	
29	f	Creſcens	18	48	Canc.	4	△ ♃ ♂.	
30	g	David	19	50		16		
31	a	Sylveſter	20	51		28		

Where, one for Arms bears Bow and Shaft: a Sword
A second hath; a trembling Launce a Third:
Their order order-less, and peacefull Braul
With-child's the World; fills Sea, and Earth & All.

December 1685.

	Sun-rising.		Sun-setting.	
1	8	14	3	46
2	8	14	3	46
3	8	15	3	45
4	8	15	3	45
5	8	15	3	45
6	8	16	3	44
7	8	16	3	44
8	8	16	3	44
9	8	17	3	43
10	8	17	3	43
11	8	17	3	43
12	8	17	3	43
13	8	17	3	43
14	8	17	3	43
15	8	17	3	43
16	8	16	3	44
17	8	16	3	44
18	8	16	3	44
19	8	15	3	45
20	8	15	3	45
21	8	15	3	45
22	8	14	3	46
23	8	14	3	46
24	8	13	3	47
25	8	12	3	48
26	8	11	3	49
27	8	10	3	50
28	8	9	3	51
29	8	8	3	52
30	8	7	3	53
31	8	6	3	54

Cambridge Term ends the 16 day.

A Regal Table in a more exact manner.

The Year, Month, and Day, (accounting the Year to begin *Jan.* 1.) whereon every K. and Q. of *Eng.* since the Conq. began their reign.			The number of Years, Moneths, & Days, that every K. & Q. reign. 28 da. to a mon.				The num. of y. expired in this y. since they began to reign: as also since they ended.		
K. W. Conq.	1066	Octob. 14	20 y	11 m	22 d		619		
W. Rufus	1087	Sept. 9	12 y	11 m	18 d		598	W Conq.	
Henry 1	1100	August 1	35 y	4 m	11 d		585	W. Rufus	
Stephen	1135	Decem. 2	18 y	11 m	18 d		550	Henry	1
Henry 2	1154	Octob. 25	34 y	9 m	2 d		531	Stephen	
Richard 1	1189	July 6	9 y	9 m	0 d		456	Henry	2
John	1199	April 6	17 y	7 m	0 d		486	Richard	1
Henry 3	1216	Octob. 19	56 y	1 m	0 d		465	John	
Edward 1	1272	Nov. 16	34 y	8 m	6 d		413	Henry	3
Edward 2	1307	July 7	19 y	7 m	5 d		378	Edward	1
Edward 3	1327	Jan. 25	50 y	5 m	7 d		358	Edward	2
Richard 2	1377	June 21	22 y	3 m	14 d		308	Edward	3
Henry 4	1399	Sept. 29	13 y	6 m	3 d		286	Richard	2
Henry 5	1413	Marc. 20	9 y	5 m	24 d		272	Henry	4
Henry 6	1422	Aug. 31	38 y	6 m	16 d		263	Henry	5
Edward 4	1461	March 4	22 y	1 m	8 d		224	Henry	6
Edward 5	1483	April 9	0 y	2 m	18 d		202	Edward	4
Richard 3	1483	June 22	2 y	2 m	5 d		202	Edward	5
Henry 7	1485	Aug. 22	23 y	10 m	24 d		200	Richard	3
Henry 8	1509	April 22	37 y	10 m	2 d		176	Henry	7
Edward 6	1547	Jan. 28	6 y	5 m	19 d		138	Henry	8
Q. Mary	1553	July 6	5 y	4 m	22 d		132	Edward	6
Q. Elizab.	1558	Nov. 17	44 y	4 m	15 d		127	Q. Mary	
K. James	1603	Mar. 24	22 y	0 m	3 d		82	Q. Elizab.	
Charles 1	1625	Mar. 27	22 y	10 m	3 d		60	K. James	
Charles 2	1649	Jan. 30	Long live the King				36	K. Charles	

The use of the Table in Example.

King *Henry* 8 began his Reign in the year of *Christ* 1509, *April* 22. He Reigned 37 years, 10 months, and 2 days. It is since he began his Reign 176 years compleat the 22 of *April* this year 1685. Now to know the time since the end of his Reign, before his name standing on the right hand, you shall there find 138 years since he died, *Jan.* 28. And so of the rest.

Dove

Dove 1685.

The latter part of this ALMANACK For the year of our Lord God 1685:

Being the 1st after Bissextile or Leap-year.

Wherein are contained the Eclipses, with some Astrological Observations, a Tide-Table, of the Affinity of Cœlestial Bodies, A Table of Reduction, Weights, and Measures, a Table of Interest, and a Table shewing the distance of all the chief Towns in *England* and *Wales* each from other; and their situation from *London*.

Quoniam videbo Cœlos tuos opera digitorum tuorum: Lunam & Stellas quæ tu fundasti, quid est homo, quod memores ejus? aut filius hominis, quoniam visitas eum. Psal. 8. 3.

CAMBRIDGE,
Printed by *John Hayes*, Printer to the University, 1685.

Of the Eclipſes this Year.

THree times this year will the Luminaries be Eclipſed, that is once the glorious Sun, and twice the Moon.

The firſt will be of the Moon, *June* the 6 day at 6 at night, it happens in 26 degrees of the cœleſtial Archer, but will not be viſible to us, the Moon being then below our eaſtern Horizon.

The ſecond Eclipſe will be of the Sun, *June* the 21 day, at 8 at night, in 10 degrees of *Cancer*; but will ſcarcely be viſible to us, becauſe the Sun is then about entring within the brim of the weſtern Horizon.

The third will be an Eclipſe of the Moon, *November* the 30 day, at 11 at night, it will be a great Eclipſe being total and almoſt central, and may be ſeen of us, it happens in 19 degrees of the Cœleſtial Twins. *Mercury* at the time thereof is in oppoſition to the Moon, and *Saturn* is in ſquare to him and both the Luminaries.

The Comet that appeared 1680. comes now to an oppoſition of the Moon, ſhe being in *Leo*, and now the Comet appears moſt on thoſe places under *Piſces*, *Virgo*, *Sagitarius*, *Gemini*; and *Portugal*, *Normandy* in *France*, *Spain*, *Dalmatia*, *Hungary*, *Moravia*, *Sclavonia*, *Sweedland*, *Lumbardy*, &c. all theſe places ſeem to be up in Arms againſt a great and potent Enemy.

In this year it is obſerved, that the mid heaven of the Conjunction of *Saturn* and *Jupiter* in the year 1683, comes by Direction to the Sextile of *Mercury*, and the new Star which appeared in *Caſſiopeia*'s Chair in the year 1572, comes by Direction to the Quartile of the great Conjunction in the year 1603; and *Jupiter* alſo comes to the Quartile of the great Conjunction about this time; theſe are obſerved to be notable Directions, and may be attended with as notable Events. The mid heaven to the Sextile of *Mercury*, doth declare that the

Countries

Countries under *Aquarius* ſhould thrive and get renown. The Effects alſo of the laſt Conjunction of *Saturn* and *Mars* in *Virgo*, now operate to purpoſe; *France* and *Spain* it ſeems are both concerned therein.

The Sign wherein any Conjunction happens is to be conſidered, and thoſe Regions or Cities that are under the Dominion of the Sign and of that Triplicity, *viz.* when the Sign of the Conjunction ſhall be the Aſcendant or mid-heaven at the firſt erecting of thoſe Places, Cities, *&c.* that then the Conjunction ſhall operate moſt powerfully in thoſe places ſubject to that dominion; but more eſpecially to that place that is aſſimulated to the Sign it ſelf.

The Sun's entrance into the four Cardinal Signs.

He enters *Aries*, March the 9 day at 8 at night.

He enters *Cancer*, June the 10 day, 10 min. paſt 10 at night.

He enters *Libra*, September the 12 day, at 2 afternoon

He enters *Capricorn* December the 11 day, at 2 in the morning.

A Table whereby you may find the time of highwater at many Havens in and about England, and how many hours and minutes are to be added to the time of the Moons coming to the South for the time of high water, and likewise what Moon makes a full Sea at those Havens.

South and North		Ho.	M
	Quinborough, Southampton, Portsmouth Isle of Wight, Spits; Kentish-knock.	0	0
S. by w.	Rochester, Malden. Aberdeen, Redband.	0	45
S S. w.	Gravesen. Downs, Rumney, Tennet, Silly.	1	30
S w. by S	Dundee, S. Andr. S Lucas, Bell Isle, Holy Isl.	2	15
S. W.	Lond. Tinmout. Hartpool, White bay, Smf.	3	0
S. w by w.	Barwic, Flambrough-h. Bridlington-bay.	3	45
W. S. w.	Scarborough. Severn, Mounts-bay, Kingsale.	4	30
W. by S.	Newcast. Humber, Falmouth, Dartmout.	5	15
E. and w	Plimouth. Weymou. Hull, Lyn, Antwerp.	6	0
E. by S.	Bristol, Foulness at the Start.	6	45
E. S. E.	Milford, Bridgew. Landsen. Waterford.	7	30
SE. by E	Portlan. Peterport, Harflew, Hague, Dubl.	8	15
S. E.	Pool, S. Hellen Orkney, Cames, Man-Isle,	9	0
SE. by S.	Needles, Laisto, North & South forelands	9	45
S. S. E	Yarmout. Dover, Harwich. Calice-Road.	10	30
S by E.	Ry, Winchelsey, Gorce, Thames, Rhodes.	11	15

Moons age.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	Moon age
	16	17	18	19	20	21	22	23	24	25	29	27	28	29	30	
is South at	12 48	1 36	2 24	3 12	4 0	4 48	5 36	6 24	7 12	8 0	8 48	9 36	10 24	11 12	12 0	M. M.

The Tide Table Explained.

IN the first Column you have the point of the Compass to the which the Moon coming maketh full Sea at those Havens mentioned in the second Column, and in the third Column are the hours and minutes to be added to the time of the Moons southing. I shall make it plain by an example.

The

The 8 of *February*, this year 1685. I would know at what hour it will be full Sea at London-bridge. First I find the Moons age in the former part of the Almanack, (accounting it from the Change) to be 15 days old, which age I find at the bottom of the Tide table, and under the same 12 hours, the time of the Moons coming to the South, then finding in the first Column that a South-west Moon makes full Sea at *London*, I add to her southing 3 hours as is shewed in the last Column, and it makes 15 hours, from whence I take 12 for midnight and there remains 3 hours in the morning, the time of full Sea at London-Bridge; also observe that when the Moon comes to the contrary (or North-east) point it is there full Sea again.

Of the Affinity of Cœlestial Bodies.

THe beauty of the Universe is no where more evident to our humane conceits, then in the conveniency of those rare, and admirable Characters, the Cœlestial Bodies; for whether we consider their real and substantial parts, or their outward accidental qualities, we shall every where find that rare affinity, which alone is sufficient to ravish our conceits with admiration.

First, concerning their Substance, which consists (as far as any humane Conjecture can guide us) of Similar or Analogical parts to the Earth, and this is most evident in the Moon, whose vicinity to us, hath given us more opportunities for this discovery, for every eye may plainly perceive a dissimilitude of parts in her visible body, some appearing purely bright, some again by a darker colour manifest a contrary quality; these are by the ingenious conceived, and by all reason approved to be Sea and Land, the darker parts carrying in themselves a manifold form of Seas, and the more bright ones by their strong reflection of the

Sun's borrowed Light, evidently ſhewing that they are more Solid, for the tranſparent ſubſtance of the Waters admitting of the Sun beams into their profundity, do neceſſarily deny that powerfull repercuſſion, which a more ſolid Superficies would have granted. This Similarity is further argued from the ſwelling Protuberances, and ſinking Cavities wherewith the Moons face is variouſly repleat, ſo that in the *Quadratures* near the Line of Illumination the Hills appear inlightened, while the lower Plains are all dark about them, and in the brighter may be evidently ſeen the ſhadow of hil's, ſo that the Line of illumination is no way ſtraight, but ragged and indented with much variety, all which will appear to our Eye by help of the *Teleſcope*.

Secondly in regard of their form which is Spherical; and as for the Earths ſphericity, the regular appearances of the Stars riſing and ſetting, with the variety of their culminating altitudes in ſeveral elevations of the Pole, the difference of the times of the day, in the obſervation of momentary *phaſes*; and laſtly, the form of the ſhadow in the Moons Eclipſe doth take away all objections that can be made, and as for the Moon her various illuminations do confirm her ſphericity, as in her *Dichotomies*, or quarters, he that ſhall with a good Perſpective behold, ſhall clea ly perceive the Line of illumination within a few minutes to be changed, and in a very ſhort time evident tokens of Gibboſity and Simoſity. Particular obſervations do alſo confirm this ſpherical form in the other Cœleſtial Bo ies, as in the two inferiors, *Venus* and *Mercury* which have been obſerved to paſs over the Sun, both of them appearing to the obſervers round of figure, and dark in colour, and for *Venus*, the variety of her illumina ions will further confirm it. As for the Superio s, as far as can be gathered by inſpection through the *Teleſcope*, they do nothing vary from this roundneſs, excepting *Saturn*, who appears long in form,

not

not unlike a two eared Jugg, yet ſo that his own Light brighter than the reſt appears perfectly circular, the other on the other ſide more weak and diluted.

Thirdly, in reſpect of their motion which is uniform, and of the primary Planets in orbicular Lines about the Sun, but the Secondary Planets, as the Moon, and thoſe four glorious ones about *Jupiter*, do reſpect every one their primary Planet for their Center; and furthermore there may without abſurdity be attributed to every one of the primary Planets, a motion about their own *axis*.

Fourthly, in regard of their real Opacity and accidental illumination from the Sun: the Almighty Creator hath ſo diſpoſed and communicated the firſt created light to the Cœleſtial Bodies, that they retain in themſelves either a portion of that Light, or an aptitude to receive it; the former is really inherent in the Sun, the Center of the Planetary Syſteme, the other properly belongs to thoſe intermediate Globes the Planets.

Fifthly, in regard of the Atmoſpheres, for experience doth manifeſt, that there is ſomething of a vaporous nature about the Planets, for they through the Teleſcope (with reſpect had to the amplification of the Glaſs) appear nothing ſo big as to our bare eye they ſeem; the Teleſcope taking away the adventitious rays.

A plain Table for the ready Reduction of Pounds into Shillings, Pence, and Farthings: or Farthings into Pence, Shillings, and Pounds.

Shill.	Pence.	Farthings.	Shill.	Pence.	Farthings.
	1	4	5	60	240
	2	8	6	72	288
	3	12	7	84	336
	4	16	8	96	384
	5	20	9	108	432
	6	24	10	120	480
	7	28	11	132	528
	8	32	12	144	576
	9	36	13	156	624
	10	40	14	168	672
	11	44	15	180	720
1	12	48	16	192	768
2	24	96	17	204	816
3	36	144	18	216	864
4	48	192	19	228	912

Pounds.	Shillings.	Pence.	Farthings.
1	20	240	960
2	40	480	1920
3	60	720	2880
4	80	960	3840
5	100	1200	4800
6	120	1440	5760
7	140	1680	6720
8	160	1920	7680
9	180	2160	8640
10	200	2400	9600

The uſe of this Table is very plain and eaſie; for ſuppoſe you deſire to know how many Shillings, Pence, and Farthings are in 10lb, then againſt 10lb are 200 ſh. 2400 pence, and 9600 farthings; ſo on the contrary, 4800 farthings will be found to make 5 pounds: and 912 farthings; 19 ſhill. and ſo for the reſt.

Of

Of Weights and Measures.

Of *Troy* Weight.

24 Grains	make	1 Peny w.
20 Peny weig.	make	1 Ounce.
12 Ounces	make	1 pou *Troy*

Apothecaries Weight.

20 Grains	make	1 Scruple.
3 Scruples	make	1 Dram.
8 Drams	make	1 Ounce.
12 Ounces	make	1 Pound.

Of *Averdupois* Weight, a Pound whereof is equal to 14 Ounces, 12 peny weight *Troy*; by which Weight is weighed any thing which beareth the name of Garbel in this kind of weight.

16 Drams	make	an Ounce.
16 Ounces	make	a Pound.
28 Pound	make	1 Quarter.
4 Quarters	make	1 H or 112
20 Hundreds	make	1 Tun.

Of Liquid Measure.

2 Pints	make	1 Quart.
2 Quarts	make	1 Pottle.
2 Pottles	make	1 Gallon
8 Gallons	make	1 Firkin of Ale, Sope, Herrings.
9 Gallons	make	1 Firkin of Beer.
10 Gall. ½	make	1 Firkin of Salmon or Eels.
2 Firkins	make	1 Kilderkin
2 Kilderkins	make	1 Barrel.
42 Gallons	make	1 Tierce of Wine.
63 Gallons	make	1 Hogshead
2 Hogsheads	make	1 pipe, But.

Dry Measure.

2 Gallons	make	1 Peck.
4 Pecks	make	1 Bushel land measure.
5 Pecks	make	1 Bushel wat. measure.
8 Bushels	make	1 Quarter.
4 Quarters	make	1 Chalder.
5 Quarters	make	1 Wey.

Long Measure.

3 Barly Corns	make	1 Inch.
12 Inches	make	1 foot.
3 feet	make	1 Yard.
3 feet 9 Inch.	make	1 Ell.
6 feet	make	1 fathom.
5 yards and ½	make	1 Pole.
40 Poles	make	1 furlong.
8 furlongs	make	1 *Eng.* mile

Land Measure.

1 pole in breadth and 40 in length make a Rood of Land.

4 Roods make an Acre which contains 160 square pole.

Cloath Measure.

4 Nails	make	1 Quarter.
4 Quarters	make	1 Yard.

A plain and easie Table shewing the true Interest due upon any sum of money from five shillings to an hundred pounds, for a year or under, after the rate of six pounds in the hundred.

		1 Mon			3 Mon			6 Mon.			9 Mon.			A year.		
		sh.	*p.*	*q.*	*sh.*	*p*	*q*	*sh.*	*p*	*q.*	*sh.*	*p.*	*q.*	*sh.*	*p.*	*q*
shill.	5	0	0	1	0	0	3	0	1	3	0	1	2	0	3	
	10	0	0	2	0	1	3	0	3	2	0	5	0	0	7	
	15	0	0	3	0	2	2	0	5	1	0	8	2	0	10	
Pounds.	1	0	1	0	0	3	2	0	7	0	0	10	2	1	2	
	2	0	2	1	0	7	0	1	2	1	1	9	1	2	4	
	3	0	3	2	0	10	2	1	9	1	2	7	3	3	6	
	4	0	6	3	1	2	1	3	4	2	3	6	3	4	9	
	5	0	4	0	1	6	0	3	0	0	4	6	0	6	0	
	6	0	7	0	1	9	2	3	7	0	5	4	2	7	2	
	7	0	8	1	2	1	0	4	2	1	6	3	1	8	4	
	8	0	9	2	2	4	2	4	9	1	7	3	1	9	6	
	9	0	10	3	2	8	1	5	4	2	8	0	3	10	9	
		po	*sh.*	*p*	*po*	*sh.*	*p*	*po*	*sh*	*p*	*po.*	*sh.*	*p.*	*po*	*sh.*	
Tens of pounds.	10	0	1	0	0	3	0	0	6	0	0	9	0	0	12	
	20	0	2	0	0	6	0	0	12	0	0	18	0	1	4	
	30	0	3	0	0	9	0	0	18	0	1	7	0	1	16	
	40	0	4	0	0	12	0	1	4	0	1	16	0	2	8	
	50	0	5	0	0	15	0	1	10	0	2	5	0	3	0	
	60	0	6	0	0	18	0	1	16	0	2	14	0	3	12	
	70	0	7	0	1	1	0	2	2	0	3	3	0	4	4	
	80	0	8	0	1	4	0	2	8	0	3	12	0	4	16	
	90	0	9	0	1	7	0	2	14	0	4	1	0	5	8	
	100	0	10	0	1	10	0	3	0	0	4	10	0	6	0	

Find the principal in the first Column, & in the other you have the interest due for one, three, six, nine, & twelve moneths.

A

A Table shewing the Distance of all the chief Towns in *England*, and *Wales*, each from other; with their Situation from *LONDON*.

	London	Windsor	Buckingha	Guildford	Dorchester	Oakham	Bath	Bristow	Bedford	Barwick	Canterbury	Chichester
Gloucest. n.w.	85	63	45	74	69	67	28	27	62	213	128	80
Ely N.	51	56	45	71	135	56	104	111	27	204	73	94
Exceter W.	138	118	119	118	40	149	60	60	137	194	177	105
Durham N.	200	186	155	104	232	121	188	190	150	62	216	223
Darby N.W.	96	89	56	105	132	29	90	93	58	162	133	123
Carlile N. W.	229	209	175	224	239	146	196	195	176	61	247	241
Colchest. N E.	42	60	68	67	144	73	126	130	51	235	39	87
Cambridge N.	44	50	36	61	126	39	98	103	20	213	67	83
Coventr. N.w.	76	65	32	70	106	27	64	72	41	190	117	96
Chester N.W	144	128	95	141	143	80	104	100	105	152	182	156
Chicheſt. S.W.	47	38	67	24	66	105	68	78	75	285	75	
Canterbu. S.E.	46	64	87	62	140	105	130	138	80	275		
Barwick N.	250	247	215	264	291	181	250	248	212			
Bedf rd N.	40	36	17	52	110	30	80	84				
Briſtow W.	95	75	67	79	44	92	10					
Bath W.	88	67	62	70	40	91						
Oakham N.	60	66	36	81	126							
Dorcheſt. S.W.	102	84	93	79								
Guilford S.W.	25	16	48									
Buckingh. N.W	44	33										
Windſor W.	19											

	Chester	Coventry	Cambridge	Colchester	Carlile	Darby	Durham	Exceter	Ely
Gloucester	80	41	81	112	172	65	164	85	88
Ely	116	60	12	37	173	65	143	165	
Exceter	144	123	155	178	240	147	240		
Durham	100	130	154	178	45	102			
Darby	52	28	69	102	120				
Carlile	96	145	81	210					
Colchester	153	90	35						
Cambridge	118	56							
Coventry	65								

York

Dove 1685.

	London	Windsor	Buckingham	Guildford	Dorchester	Oakham	Bath	Bristow	Bedford	Barwick	Canterbury	Chichester
York N	150	140	108	155	1[illegible]0	73	150	150	104	108	169	176
Bangor N. w.	175	163	132	174	157	120	125	116	43	163	220	184
S. Asaph N. w.	160	145	115	157	150	99	114	107	123	153	200	170
S. Davids W.	190	172	152	176	122	162	108	100	169	250	235	175
Landaff W.	117	96	85	100	55	107	32	25	103	145	163	100
Hartford N.	18	25	32	37	108	58	85	91	22	232	56	61
Worcest. N.w.	87	74	46	83	87	55	46	45	61	204	134	95
Shrewsb. N.w.	122	107	76	118	116	70	77	72	86	176	164	130
Warwick N. w.	72	61	28	74	99	33	60	61	40	196	15	90
Wells W.	100	79	78	79	29	107	16	16	94	263	40	74
Winchest. S w.	55	37	55	31	47	92	43	52	68	268	84	26
Taunton S. w.	118	98	96	96	30	123	34	33	115	275	160	89
Stafford N. w.	107	96	63	110	122	48	83	80	71	168	49	126
Salisbury S. w.	70	53	61	48	33	96	28	36	77	266	111	42
Rochester S.E.	25	42	65	41	120	88	110	116	58	264	22	59
Peterbor. N.	61	62	37	76	131	16	97	100	25	188	92	100
Oxford N. w.	47	29	16	40	77	52	46	53	33	227	90	56
Norwich N.E.	80	91	85	102	174	70	150	150	66	202	78	125
Newcastle N.	200	200	168	216	195	134	205	200	164	48	227	225
Notting. N.w.	96	86	55	103	137	22	97	100	53	160	128	123
Northam. N.w	52	44	13	59	105	25	72	75	15	204	93	80
Lancast. N.w.	179	166	133	180	192	105	150	150	134	100	211	198
Lincoln N.	100	96	69	113	158	33	124	122	62	151	126	135
Lichfield N.w.	95	85	52	99	117	37	77	75	60	174	138	116
Leicester N.w.	76	69	37	84	121	12	84	84	37	17	115	105
Launceston w.	170	150	48	147	73	173	85	81	165	304	210	134
Kendal N. w.	200	179	143	191	205	114	165	160	144	90	218	209
Ipswich N. E.	55	72	75	78	155	74	133	140	58	230	49	100
Huntington N.	47	49	30	64	125	26	92	97	14	202	80	87
Hereford N.w.	105	84	63	93	78	75	40	35	78	213	147	100

York

Dove 1685.

	Chester	Coventry	Cambridge	Colchester	Carlile	Darby	Durham	Exeter	Ely	Gloucester	Hereford	Huntington
York	75	85	114	133	80	59	48	263	96	123	118	94
Bangor	41	102	157	192	103	92	125	148	156	103	83	144
S. Asaph	20	83	136	172	94	71	107	147	138	90	73	123
S. Davids	108	134	188	220	189	144	207	91	191	108	90	176
Landaff	93	80	123	150	190	100	190	50	129	41	35	114
Hartford	126	62	22	37	197	80	172	140	33	75	92	30
Worcester	62	28	78	113	153	48	145	100	84	18	20	68
Shrewsbury	27	46	103	137	123	45	123	120	103	52	37	90
Warwick	67	8	57	91	150	35	136	117	61	33	42	46
Wells	115	82	112	136	210	58	205	43	122	42	50	107
Winchester	133	79	80	95	223	106	209	85	91	56	76	80
Taunton	124	100	132	155	220	124	220	24	140	60	62	126
Stafford	33	31	84	120	120	23	111	132	83	54	47	72
Salisbury	127	79	92	111	220	107	208	68	103	48	45	90
Rochester	162	98	51	35	232	116	204	158	60	97	125	63
Peterborough	98	41	25	57	156	45	128	156	20	75	86	13
Oxford	100	40	50	77	185	67	169	105	60	35	55	46
Norwich	145	95	49	42	185	93	147	204	40	127	140	55
Newcastle	111	143	166	188	45	115	13	254	15	176	168	155
Nottingham	61	3	61	94	122	11	100	154	50	70	74	48
Northampton	90	26	33	66	164	45	144	131	38	50	64	23
Lancaster	50	102	144	176	46	78	57	194	138	26	114	130
Lincoln	80	54	62	88	121	35	92	178	53	94	98	50
Litchfield	45	20	74	109	127	19	115	128	73	49	46	61
Leicester	70	17	50	83	139	21	119	140	47	56	63	35
Launceston	152	145	183	208	244	116	253	33	195	107	502	177
Kendal	63	113	151	182	34	86	48	207	140	38	26	139
Ipswich	155	95	40	13	207	104	172	190	38	20	134	52
Huntington	105	44	13	48	70	55	142	153	21	77	86	
Hereford	64	47	98	129	160	65	156	85	10	20		

	Ipiwich	Kendal	aunceſton	eiceſter	itchfield	Lincoln	ancaſter	Northamp	Nottingh.	Newcaſtle	Norwich	Oxford
York	127	58	240	88	74	44	58	95	55	6	04	123
Bangor	194	78	146	109	82	121	65	128	102	132	86	134
S. Aſaph	173	64	150	88	62	99	52	107	81	117	64	117
S. Davids	225	162	75	150	125	178	151	155	154	216	230	149
Landaff	160	156	67	95	82	132	143	92	107	203	178	78
Hartford	48	167	170	60	81	80	157	35	75	184	66	39
Worceſter	118	120	120	40	31	80	108	47	56	158	122	44
Shrewsbury	141	89	131	56	31	81	76	71	56	134	37	78
Warwick	97	118	140	24	26	62	107	25	39	150	99	35
Wells	147	176	72	58	90	136	164	87	114	218	161	63
Wincheſter	106	189	147	89	95	124	178	67	107	221	128	40
Taunton	168	189	53	118	106	155	174	106	130	234	182	85
Stafford	123	85	148	36	11	58	73	56	34	123	117	70
Salisbury	122	185	100	92	93	129	173	73	110	220	140	45
Rocheſter	48	202	190	95	118	113	192	73	111	216	76	69
Peterborough	58	127	182	28	54	38	118	26	36	142	54	53
Oxford	86	152	133	50	60	85	140	29	68	181	100	
Norwich	31	162	233	81	108	68	155	77	83	157		
Newcaſtle	183	56	265	132	128	105	66	156	114			
Nottingham	94	91	173	38	28	25	82	43				
Northampton	72	133	156	26	45	57	122					
Lancaſter	174	13	203	98	84	89						
Lincoln	84	95	200	38	54							
Litchfield	113	93	150	28								
Leiceſter	84	108	163									
Launceſtone	218	214										
Kendal	280											

	Peterbor.	Rochester	Salisbury	Stafford	Taunton	Winchester	Wells	Warwick	Shrewsbur	Worcester	Hartford	Landaff	S. Davids	S. Asaph	Bangor
York	88	156	104	73	180	163	166	92	90	105	124	155	186	90	110
Bangor	136	200	150	72	133	160	129	104	57	90	163	102	86	23	
S. Asaph	115	180	129	52	130	145	123	85	40	75	143	197	99		
S. Davids	175	213	133	120	91	151	102	131	99	108	184	75			
Landaff	117	140	59	82	31	75	30	73	69	52	113				
Hartford	42	36	75	92	118	61	98	60	108	78					
Worcester	68	112	67	35	75	73	60	23	35						
Shrewsbury	84	143	100	22	98	107	87	48							
Warwick	44	95	72	35	93	72	74								
Wells	14	120	32	95	21	50									
Winchester	91	72	18	105	65										
Taunton	134	137	49	110											
Stafford	64	125	01												
Salisbury	99	90													
Rochester	70														

The Explanation and use of the foregoing Tables.

THe Tables consisting of four Pages, and something more, are but one continued Table divided, by reason of the shortness, and narrowness of the Pages: on the sides and tops of each Page, are the names of all the chief Towns in *England* and *Wales*, in an Alphabetical order, beginning on the sides at the bottom; where you shall find three or four at the bottom of the first Page irregular; W. being the beginning of the first Town, so likewise at the top of the second Page, you shall find the same irregularity, which are matters of no moment. To find the distance of two places, look for the names of the Places, the one on the sides the other on the top, and direct your eye right against the one, and right under the other, and the common angle of meeting will shew you the distance.

As for example, suppose you desire the distance between *Bristow* and *London*, right against *Bristow* and right

right under *London* you will find 95 which is the diſtance in miles ſought for; ſuppoſe likewiſe you deſire the diſtance between *Briſtow* and *Dorcheſter*, right againſt the one, and right under the other, you will find 44 miles, the diſtance deſired; ſuppoſe alſo the diſtance between *Cambridge* and *Barwick* be ſought, look right againſt *Cambridge*, and right under *Barwick*, and in the common angle of meeting you will find 213 miles, the diſtance ſought: again ſuppoſe the diſtance between *Briſtow* and *Chicheſter* be deſired; now if you look *Briſtow* on the ſide, in the firſt page, and *Chicheſter* on the top, you will ſee that the figures againſt *Briſtow*, do not extend ſo far as to meet with thoſe right under *Chicheſter*, they neither being continued ſo low as to cloſe with thoſe againſt *Briſtow*; now therefore look *Briſtow* on the top, and *Chicheſter* on the ſide, and you ſhall find right againſt *Chicheſter*, and right under *Briſtow*, in the common angle of meeting 78 miles, the diſtance ſought, and ſo is to be done in the like caſe for any other Places; if you find the figures do not meet, do but change the places of the Towns from the ſides to the tops, or from the tops to the ſides, and you ſhall not fail of their diſtance; as in the little Table in the firſt Page, if you deſire the diſtance between *Carlile* and *Ely*, *Carlile* on the ſide and *Ely* on the top do not meet, then look *Carlile* on the top and *Ely* on the ſide, and you ſhall find in the common angle of meeting 173 miles the diſtance ſought: and if you find the name of one Place in one Page, and cannot find the other in the top of the ſame, or contrarily, look in the next Page, and you ſhall not fail.

THe Spirits of Scurvy Graſs both Plain and the Golden purging, are ſtill prepared (as formerly) by the firſt and onely true Author *Robert Bateman*, at his Houſe at *Pauls Chain* near *Doctors Commons*, *London*. The Bottles are all ſealed with his Coat of Arms, the Half Moon and Ermins to prevent Counterfeits. Price 1 s. each Bottle.

FINIS.